

Kuppusamy Elumalai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,140
citations

15
h-index

28
g-index

28
ext. papers

1,303
ext. citations

3.9
avg, IF

4.78
L-index

#	Paper	IF	Citations
25	Green synthesis, characterization and antimicrobial activities of zinc oxide nanoparticles from the leaf extract of <i>Azadirachta indica</i> (L.). <i>Applied Surface Science</i> , 2015 , 345, 329-336	6.7	296
24	Bio-approach: Plant mediated synthesis of ZnO nanoparticles and their catalytic reduction of methylene blue and antimicrobial activity. <i>Advanced Powder Technology</i> , 2015 , 26, 1639-1651	4.6	89
23	Mosquito larvicidal, ovicidal, and repellent properties of botanical extracts against <i>Anopheles stephensi</i> , <i>Aedes aegypti</i> , and <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <i>Parasitology Research</i> , 2011 , 109, 353-67	2.4	86
22	Ovicidal and repellent activities of botanical extracts against <i>Culex quinquefasciatus</i> , <i>Aedes aegypti</i> and <i>Anopheles stephensi</i> (Diptera: Culicidae). <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011 , 1, 43-8	1.4	84
21	Green synthesis of silver nanoparticles using <i>Croton sparsiflorus</i> morong leaf extract and their antibacterial and antifungal activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 139, 200-5	4.4	83
20	Spectroscopic investigation of biosynthesized nickel nanoparticles and its larvicidal, pesticidal activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 162, 162-167	6.7	72
19	Bio-fabrication of zinc oxide nanoparticles using leaf extract of curry leaf (<i>Murraya koenigii</i>) and its antimicrobial activities. <i>Materials Science in Semiconductor Processing</i> , 2015 , 34, 365-372	4.3	52
18	Coir mediated instant synthesis of Ni-Pd nanoparticles and its significance over larvicidal, pesticidal and ovicidal activities. <i>Journal of Molecular Liquids</i> , 2016 , 223, 1249-1255	6	29
17	<i>Cocos nucifera</i> coir-mediated green synthesis of Pd NPs and its investigation against larvae and agricultural pest. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1581-1587	6.1	24
16	Environmental friendly synthesis of zinc oxide nanoparticles and estimation of its larvicidal activity against <i>Aedes aegypti</i> . <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 8053-8060	3.3	21
15	Larvicidal, ovicidal and pupicidal activities of <i>Gliricidia sepium</i> (Jacq.) (Leguminosae) against the malarial vector, <i>Anopheles stephensi</i> Liston (Culicidae: Diptera). <i>Asian Pacific Journal of Tropical Medicine</i> , 2012 , 5, 598-604	2.1	20
14	Insecticidal and repellent activities of plants oil against stored grain pest, <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae). <i>Asian Pacific Journal of Tropical Disease</i> , 2012 , 2, S412-S415		17
13	Biological activities of <i>Solanum pseudocapsicum</i> (Solanaceae) against cotton bollworm, <i>Helicoverpa armigera</i> Hbner and armyworm, <i>Spodoptera litura</i> Fabricius (Lepidoptera: Noctuidae). <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012 , 2, 981-6	1.4	17
12	Insecticidal and Repellent Activities of Four indigenous medicinal Plants Against Stored Grain Pest, <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae). <i>Asian Pacific Journal of Tropical Disease</i> , 2012 , 2, S16-S20		14
11	Toxicity of <i>Aristolochia bracteata</i> methanol leaf extract against selected medically important vector mosquitoes (Diptera: Culicidae). <i>Asian Pacific Journal of Tropical Disease</i> , 2012 , 2, S553-S557		10
10	The aromatic ginger <i>Kaempferia galanga</i> L. (Zingiberaceae) essential oil and its main compounds are effective larvicidal agents against <i>Aedes vittatus</i> and <i>Anopheles maculatus</i> without toxicity on the non-target aquatic fauna. <i>Industrial Crops and Products</i> , 2020 , 158, 113012	5.9	10
9	Entomofaunal survey and larvicidal activity of greener silver nanoparticles: A perspective for novel eco-friendly mosquito control. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 2917-2928	4	8

8	Mosquitocidal properties of <i>Solanum trilobatum</i> L. (Solanaceae) leaf extracts against three important human vector mosquitoes (Diptera: Culicidae). <i>Asian Pacific Journal of Tropical Medicine</i> , 2013 , 6, 854-8	2.1	7
7	Phytochemical analysis and fabrication of silver nanoparticles using : An efficacious and ecofriendly control tool against selected polyphagous insect pests. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 148-156	4	7
6	Citrus limetta (Risso) - borne compound as novel mosquitocides: Effectiveness against medical pest and acute toxicity on non-target fauna. <i>South African Journal of Botany</i> , 2020 , 128, 218-224	2.9	5
5	Toxicity of saponin isolated from <i>Gymnema sylvestre</i> R. Br. (Asclepiadaceae) against <i>Culex tritaeniorhynchus</i> Giles (Diptera: Culicidae) Japanese encephalitis vector mosquito in India. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2012 , 54, 337-44	2.2	3
4	A Green Systematic Approach of Carbon/CuO Nano Composites Using <i>Aristolochia bracteolata</i> by Response Surface Methodology. <i>Journal of Cluster Science</i> , 2019 , 30, 1177-1183	3	2
3	Larvicidal and repellent effects of <i>Jussiaea repens</i> (L.) leaf ethanol extract and its major phyto-constituent against important human vector mosquitoes (Diptera: Culicidae). <i>Environmental Science and Pollution Research</i> , 2020 , 27, 23054-23061	5.1	2
2	Retraction notice to "Facile, Eco-friendly and template free phytosynthesis of Cauliflower like ZnO nanoparticles using leaf extract of <i>Tamarindus indica</i> (L.) and its biological evolution of antibacterial and antifungal activities" [Spectrochim. Acta A Mol. Biomol. Spectrosc. 136 (Part B) (2015) 1052-1057]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 207, 345	4.4	1
1	Retraction notice to "Green synthesis of Zinc oxide nanoparticles using <i>Moringa oleifera</i> leaf extract and evaluation of its antimicrobial activity" [Spectrochim. Acta A Mol. Biomol. Spectrosc. 143 (2015) 158-164]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 206, 651	4.4	0